Thermochimica Acta, 185 (1991) 359
Elsevier Science Publishers B.V., Amsterdam

AUTHOR INDEX

Abood, H.M.A., 35
Agrawal, S.K., 177
Aitani, A.M., 73
Allan, J.R., 83, 295
Alsina, M.A., 99
Alzuet, G., 315
Audette, D.E., 235

Bellagamba, G., 335
Birnie, J., 295
Blachnik, R., 355
Bonner, J.G., 295
Bordas, S., 99
Borrás, J., 315
Bouaziz, R., 141
Bracht, A., 171
Bujewski, A., 91
Busquets, M^{a}A., 99

Carp, O., 111
Catalani, G., 303
Chen, X., 51
Csejka, D.A., 235
Curini, R., 335

D'Ascenzo, G., 335
Dalrymple, J., 83
Dragoe, N., 129

Ferrer, S., 315
Ford, A.N., 245
García-Antón, J.M., 99
Gardner, P.J., 219
Garg, B.S., 263
Gerrard, D.L., 295
Gillespie, S.E., 51
Gillot, B., 63
Grzędzicki, K., 91

Hahn, H., 171
Hölsä, J., 25

Irle, E., 355
Izatt, R.M., 51

Jain, V.K., 263
Johnson, L.A., 271

Kerridge, D.H., 35
Koga, N., 135
Koriseva, E., 25
Krishnamurthy, V.N., 1

Maadhah, A.G., 73
Marrosu, G., 303
Martín-Gil, F.J., 315
Martín-Gil, J., 315
Mary, N.L., 345
Mayer, M., 141
McCauley, R.A., 271
Mestres, C., 99
Mofaddel, N., 141
Morales, J.J., 255

Nath, M., 11
Niemelä, J., 155

Ohta, T., 283
Oscarson, J.L., 51

Pancholi, H.B., 227
Pant, T.K., 177
Parameswaran, G., 345
Patel, M.M., 227
Prasad, M.R.R., 1
Preston, S.R., 219

Radid, M., 63
Reich, L., 205
Reig, F., 99
Rodante, F., 303
Rothgery, E.F., 235

Schoenemann, E., 171
Segal, E., 111, 129
Slanina, Z., 211

Tanaka, H., 135
Tariq, S.A., 245
Taskinen, P., 155
Teppo, O., 155

Venarucci, D., 335

Walewski, M., 91
Walia, S., 263
Wedlich, R.C., 235
Wells, C.F., 183

Yeboah, Y.D., 73

Thermochimica Acta, 185 (1991) 361–363
Elsevier Science Publishers B.V., Amsterdam

SUBJECT INDEX

Alkali metal sulphate solution
Thermogravimetric studies of the catalytic activity of molten alkali metal sulphate solutions of vanadium and niobium, 35
Anhydrous sodium sulphate
Polymorphism of anhydrous sodium sulphate and the intermediate phases glaserite and aphtitalite in the binary system Na_2SO_4–K_2SO_4 (in French), 141
Atheromasic plaque
Thermoanalytical methods as a new approach to the study of atheromasic plaque, 335

$BaTiO_3$
The system $KNbO_3 + BaTiO_3$, 355

C_2Si_2
C_2Si_2 as an equilibrium four- or eight-membered isomeric set, 211
Co-solvent mixtures
Ionic solvation in water + co-solvent mixtures. Part 22. Free energies of transfer of complex ions from water into water + methanol mixtures, 183
Compression isotherms
Phospholipid–opiate interactions measured by differential scanning calorimetry and compression isotherms of monolayers, 99
Copper(I) chloride
The influence of various factors on the kinetics of the reaction between copper(I) chloride and germanium, 63
Copper–lead phase diagram
The copper–lead phase diagram, 155

Databases
Use of databases in thermal analysis. Part 2, 205
Differential scanning calorimetry
High temperature heat capacities of the tin(II) halides measured by differential scanning calorimetry, 219
Phospholipid–opiate interactions measured by differential scanning calorimetry and compression isotherms of monolayers, 99
Dolomite
Decrepitation and thermal decomposition of dolomite, 271

2-Furan thiocarboxyhydrazide
Spectral and thermal characterization of mixed-ligand coordination complexes of Fe(II) and Fe(III) with 2-furan thiocarboxyhydrazide as primary and picolinic/dipicolinic acid as co-ligand, 177

Germanium
The influence of various factors on the kinetics of the reaction between copper(I) chloride and germanium, 63
Glycine
Thermal studies on cobalt(II), nickel(II) and copper(II) complexes of Schiff base derived from salicylaldehyde and glycine, 11

Hexafluorophosphates
Thermal decomposition and pyrolysis–GC studies on tetraalkyl-substituted ammonium hexafluorophosphates, 1
High-resolution luminescence spectroscopy
Thermal decomposition of $LaC_2O_4Cl \cdot 3H_2O:Eu^{3+}$: a high-resolution luminescence spectroscopy study, 25
Hippuric acid compounds
The thermal, spectral and magnetic studies of hippuric acid compounds of cobalt(II), nickel(II), copper(II) and zinc(II) ions, 83
Huron–Vidal mixing rules
Prediction of multicomponent vapor–liquid equilibria using the PRSV and PRSV2 equations of state with the Huron–Vidal mixing rules, 283
2-Hydroxy-4-methoxyacetophenoneoxime–thiourea–trioxane resins
Synthesis, characterization and thermal studies of 2-hydroxy-4-methoxyacetophenoneoxime–thiourea–trioxane resins, 227

Integral method
Determination of kinetic parameters from nonisothermic conductivity measurements using an integral method (in German), 171
Ionic solvation
Ionic solvation in water + co-solvent mixtures. Part 22. Free energies of transfer of complex ions from water into water + methanol mixtures, 183

Isothermal flow calorimeter
An isothermal flow calorimeter for high-temperature basic solutions, 51

$KNbO_3$
The system $KNbO_3 + BaTiO_3$, 355

$LaC_2O_4Cl \cdot 3H_2O : Eu^{3+}$
Thermal decomposition of $LaC_2O_4Cl \cdot 3H_2O : Eu^{3+}$: a high-resolution luminescence spectroscopy study, 25

Lithium sulfate monohydrate
Kinetic analysis of the nonisothermal dehydration of lithium sulfate monohydrate, 135

Mixed-ligand coordination complexes
Spectral and thermal characterization of mixed-ligand coordination complexes of Fe(II) and Fe(III) with 2-furan thiocarboxyhydrazide as primary and picolinic/dipicolinic acid as co-ligand, 177

Molten
Thermogravimetric studies of the catalytic activity of molten alkali metal sulphate solutions of vanadium and niobium, 35

Multicomponent vapor–liquid equilibria
Prediction of multicomponent vapor–liquid equilibria using the PRSV and PRSV2 equations of state with the Huron–Vidal mixing rules, 283

$Na_2SO_4–K_2SO_4$
Polymorphism of anhydrous sodium sulphate and the intermediate phases glaserite and aphtitalite in the binary system $Na_2SO_4–K_2SO_4$ (in French), 141

Niobium
Thermogravimetric studies of the catalytic activity of molten alkali metal sulphate solutions of vanadium and niobium, 35

3-Nitro-1,2,4-triazol-5-one
The study of the thermal decomposition of 3-nitro-1,2,4-triazol-5-one (NTO) by DSC, TGA–MS, and ARC, 235

Nonisothermal dehydration
Kinetic analysis of the nonisothermal dehydration of lithium sulfate monohydrate, 135

Nonisothermal kinetics
BASIC versatile program for nonisothermal kinetics. Part II, 129

Nonisothermic conductivity measurements
Determination of kinetic parameters from nonisothermic conductivity measurements using an integral method (in German), 171

2,4-Pentanedione-1-(3-chlorophenylhydrazone)
Investigation of complexation equilibria and evaluation of thermodynamic parameters of complexes of bivalent metal ions with 2,4-pentanedione-1-(3-chlorophenylhydrazone), PD3CPH, 263

2-Phenyl-3-arylimino-3H-indoles
Thermal analysis of 2-phenyl-3-arylimino-3H-indoles using simultaneous TG–DSC, 303

Phospholipid–opiate interaction
Phospholipid–opiate interactions measured by differential scanning calorimetry and compression isotherms of monolayers, 99

Potassium pyrosulphate
Molten potassium pyrosulphate: reactions of six metal nitrates, 245

$[Rh(bpy)_3]X_3$
Synthesis and thermal investigations of $[Rh(bpy)3]X_3$ (bpy = 2,2′-dipyridyl; X = Cl^-, Br^-, I^-, ReO_4^-) and $[Rh(bpy)_3] \cdot [Cd_nX_{2n+3}]$ (X = Cl^-, Br^-, I^-) type complexes, 91

$[Rh(bpy_3][Cd_nX_{2n+3}]$
Synthesis and thermal investigations of $[Rh(bpy)_3]X_3$ (bpy = 2,2′-dipyridyl; X = Cl^-, Br^-, I^-, ReO_4^-) and $[Rh(bpy)_3] \cdot [Cd_nX_{2n+3}]$ (X = Cl^-, Br^-, I^-) type complexes, 91

Salicylaldehyde
Thermal studies on cobalt(II), nickel(II) and copper(II) complexes of Schiff base derived from salicylaldehyde and glycine, 11

Schiff base
Thermal studies on cobalt(II), nickel(II) and copper(II) complexes of Schiff base derived from salicylaldehyde and glycine, 11

Schiff base complexes
Kinetics and mechanism of the thermal decomposition of Schiff base complexes of lanthanides by TG and DSC studies, 345

Solid–gas decomposition
BASIC program to discriminate among mechanisms of solid–gas decomposition (DISCRIM 2), 111

Steam-re-forming catalysts
The measurement of the extent of reduction of steam-re-forming catalysts using thermal analysis techniques, 73

Sulphonamide derivative complexes
Thermal studies of sulphonamide derivative complexes. Part III. Thermal behaviour of acetazolamide complexes of Co(II), Ni(II) and Cu(II) with ethylamine, diethylamine, triethylamine and potassium hydroxide, 315

Surface conductance coefficient
Study of the surface conductance coefficient in a metallic bar, 255

Tetraalkyl-substituted ammonium hexafluorophosphates
Thermal decomposition and pyrolysis–GC studies on tetraalkyl-substituted ammonium hexafluorophopshates, 1
Thermal analysis studies
Structural characterisation and thermal analysis studies of the compounds of manganese (II), cobalt(II), nickel(II), copper(II) and zinc(II) with poly(acrylic acid), 295
Tin(II) halides
High temperature heat capacities of the tin(II) halides measured by differential scanning calorimetry, 219
Vanadium
Thermogravimetric studies of the catalytic activity of molten alkali metal sulphate solutions of vanadium and niobium, 35